paper support

printer cover

left edge guide

output tray

power button and light

maintenance button and error light

ink cartridges (do not remove holder)

Accessories

Ink Cartridges

Cartridge	Part numbers
Black	T013201 (U.S); TO13311 (Canada)
Color	T014201 (U.S); TO14311 (Canada)

Media

EPSON paper name	Size	Part number
360 dpi Ink Jet Paper	Letter A4	S041060 S041059
Photo Quality Ink Jet Paper	Letter A4 Legal	S041062 S041061 S041067
Photo Quality Ink Jet Cards	A6	S041054

EPSON paper name	Size	Part number
Photo Paper	4 x 6 inches, perforated Letter - 20 sheets Letter - 500 sheets Letter - 100 sheets A4 Panoramic	S041134 S041141 S041272 S041271 S041140 S041145
Ink Jet Transparencies	Letter A4	S041064 S041063
Matte Paper - Heavyweight	Letter	S041257
Photo Quality Glossy Film	Letter A4 A6	S041072 S041071 S041107
Photo Quality Self Adhesive Sheets	A4	S041106
Iron-On Cool Peel Transfer Paper	Letter - 10 sheets Letter - 50 sheets	S041153 S041155
Glossy Photo Greeting Cards	Letter	S041267
Photo Stickers Kit (CD-ROM/paper) Photo Stickers (refill)	A6 A6	S041144-KIT S041144

Printer Specifications

Printing

Printing method   On-demand ink jet

Nozzle configuration

Black	48 nozzles
Color	45 nozzles (15 each: cyan, magenta, yellow)

Resolution   Maximum 1440 dpi × 720 dpi

Print direction   Bidirectional with logic seeking

Print speed   8 ppm

Input buffer   12KB

Mechanical

Paper feed method   Friction

Paper path   Sheet feeder, top entry

Sheet feeder capacity   100 sheets of 17 lb ($65.8\ \mathrm{g/m^2}$) paper

Dimensions

Storage   Width: 16.7 inches (424 mm)
Depth: 9.0 inches (229 mm)
Height: 6.8 inches (172 mm)

Printing   Width: 16.7 inches (424 mm)
Depth: 18.1 inches (460 mm)
Height: 10.9 inches (277 mm)

Weight   6.1 lb (2.8 kg) without the ink cartridges

Electrical

Specification	120 V Model	220–240 V Model
Input voltage range*	99 to 132 V	198 to 264 V
Rated frequency range	50 to 60 Hz	
Input frequency range	49.5 to 60.5 Hz	
Rated current	0.4 A	0.2 A
Power consumption	Approx. 16 W (ISO10561 Letter Pattern) Approx. 4 W in standby mode	

* Check the label on the back of the printer for your printer's voltage.

Environmental

Temperature

Operation	50 to 95 °F (10 to 35 °C)
Storage*	–4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C)
Transit*	–4 to 140 °F (–20 to 60 °C) 120 hours at 140 °F (60 °C)

Humidity (without condensation)

Operation	20 to 80% RH
Storage*	5 to 85% RH

*Stored in shipping container

Safety Approvals

Safety standards	UL 1950, CSA C22.2 No. 950
EMC	FCC part 15 subpart B class B CSA C108.8 Class B

Ink Cartridges

Specification	Black ink cartridge (T013xxx)	Color ink cartridge (T014xxx)
Color(s)	Black	Cyan, Magenta, Yellow
Print capacity*	210 pages, 5% in calculation, except for initial ink cartridge	150 pages, 5% each CMY (total 15%) in calculation, except for initial ink cartridge
Cartridge life	2 years from production date (if unopened) (within 6 months after opening package, at 77 °F [25 °C])	
Storage temperature	–4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C)	
Transit temperature	–22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C)	
Freezing temperature**	3.2 °F (–16 °C)	–0.4 °F (–18 °C)
Dimensions	0.78 × 2.08 × 1.52 inches (W × D × H) 19.8 × 52.7 × 38.5 mm (W × D × H)	1.69 × 2.08 × 1.52 inches (W × D × H) 42.9 × 52.7 × 38.5 mm (W × D × H)

* The figure given is based on continuous printing after ink replacement. The actual print capacity may vary.

** Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

CAUTION To ensure good results, use genuine EPSON cartridges and do not refill them. Other products may cause damage to your printer not covered by EPSON's warranties.

Don't use an ink cartridge if the date on the package has expired.

Paper

Paper type	Size	Paper types	Thickness	Weight
Single sheets	Letter (8.5 × 11 inches) Legal (8.5 × 14 inches) Half letter (statement, 5.5 × 8.5 inches) Executive (7.5 × 10 inches) A4 (210 × 297 mm) A5 (148 × 210 mm) A6 (105 × 148 mm)	Plain bond paper and special ink jet papers distributed by EPSON	0.003 to 0.004 inch (0.08 to 0.11 mm) for plain bond paper	17 to 24 lb (64 to 90 g/m^2) for plain bond paper
Transparencies, glossy film	Letter (8.5 × 11 inches) A4 (210 × 297 mm) A6 (105 × 148 mm; glossy film only)	Transparencies and glossy film distributed by EPSON	0.005 inch (0.13 mm)	—
Matte Paper - Heavyweight	Letter (8.5 × 11 inches)	Matte paper distributed by EPSON	0.009 inch (0.23 mm)	44 lb (167 g/m^2)
Self-adhesive sheets	A4 (210 × 297 mm)	Self adhesive sheets distributed by EPSON	—	—
Envelopes	No. 10, 4.1 × 9.5 inches (104 × 241 mm) DL, 4.3 × 8.7 inches (110 × 220 mm) C6, 4.4 × 6.4 inches (114 × 162 mm)	Plain bond paper or air mail paper	0.006 to 0.02 inch (0.16 to 0.52 mm)	12 to 20 lb (45 to 75 g/m^2)
Ink jet cards	A6 (105 × 148 mm)	Ink jet cards distributed by EPSON	—	—
Photo Paper	Letter (8.5 × 11 inches) A4 (210 × 297 mm) 4 × 6 inches (102 × 152 mm) Panoramic (210 × 594 mm)	Photo paper distributed by EPSON	—	—
Photo Stickers	A6 (105 × 148 mm), 16 frames/sheet	Photo stickers distributed by EPSON	—	—
Iron-On Cool Peel Transfer Paper	Letter (8.5 × 11 inches)	Transfer paper distributed by EPSON	0.007 inch (0.18 mm)	33 lb (124 g/m^2)

NOTE Always load paper into the sheet feeder short edge first, except for envelopes. Load envelopes flap edge first with the flap side down

Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, EPSON cannot attest to the quality of any non-EPSON brand or type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs.

Poor quality paper may reduce print quality and cause paper jams and other problems. If you encounter problems, switch to a higher grade of paper.
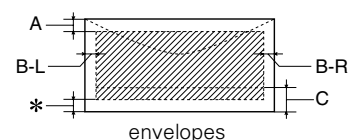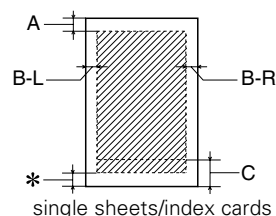
Do not load curled or folded paper.

Use papers under these conditions:
Temperature: 59 to 77 °F (15 to 25 °C)
Humidity: 40 to 60% RH

Store printouts on Photo Quality Glossy Film and Self Adhesive Sheets under these conditions:
Temperature: 59 to 86 °F (15 to 30 °C)
Humidity: 20 to 60% RH

Printable area

single sheets/index cards

envelopes

A: The minimum top margin is 0.12 inch (3.0 mm).
When loading multiple sheets of EPSON Photo Quality Glossy Film, the minimum top margin is 1.2 inches (30.0 mm).
B-L: The minimum left margin is 0.12 inch (3.0 mm).
B-R: The minimum right margin is 0.12 inch (3.0 mm).
C: The minimum bottom margin is 0.55 inch (14.0 mm).
* You can extend the minimum bottom margin to 0.12 inch (3.0 mm) by selecting Maximum as the Printable Area setting. However, print quality may decline in the expanded area.

Control Panel

To diagnose some problems, check the printer's control panel, as described below, or run a printer check (page 5).

Lights	Problem and solution	
◊·🗎 on	No paper is loaded in the printer	Load paper in the sheet feeder, then press the ◊·🗎 maintenance button. The printer resumes printing and the light goes out.
	Paper has jammed in the printer	Press the ◊·🗎 maintenance button to eject the jammed paper. If the error does not clear, open the printer cover and remove all of the paper inside, including any torn pieces. Then, reload the paper in the sheet feeder and press the ◊·🗎 maintenance button to resume printing.
◊·🗎 flashing	The black or color ink cartridge is nearly empty	Obtain a replacement black or color ink cartridge. To determine which cartridge is nearly empty, check the ink level using EPSON Status Monitor 3 (Windows) or EPSON StatusMonitor (Macintosh).
◊·🗎 on	The black or color ink cartridge is empty or not installed	Replace the black or color ink cartridge with a new one.
⏻ off ◊·🗎 on	The print head is obstructed by jammed paper or other material and can't return to the home position	Turn off the printer. Open the printer cover and remove any paper or other obstructions from the paper path. Then, turn the printer back on. If the error does not clear, contact your dealer.
⏻ flashing ◊·🗎 flashing	An unknown printer error has occurred	Turn off the printer and contact your dealer.

Installing the First Ink Cartridges

1. Turn on the printer.
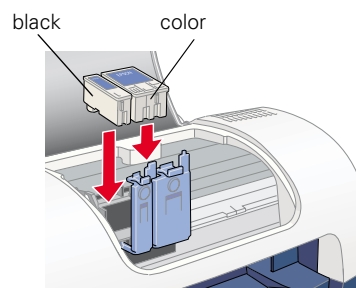2. Open the cover and lift the ink cartridge clamps
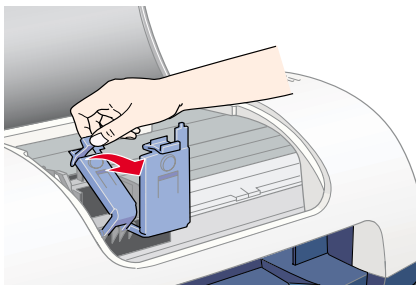
3. Unpack the ink cartridges that came with your printer and remove the yellow tabs.

black cartridge   color cartridge
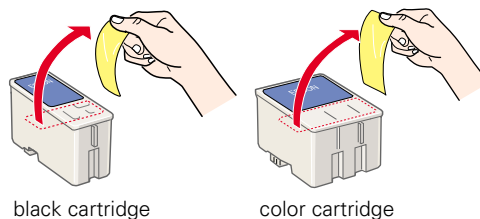
CAUTION Don't remove the seals from the bottom of the cartridges; ink will leak out.

Keep the cartridges out of the reach of children.

4. Insert both cartridges as shown and close the clamps.

black   color

CAUTION Install both ink cartridges or the printer won't work.

5. Press the ◊·🗎 maintenance button and close the printer cover. The ⏻ power light flashes and you hear the ink charging.

CAUTION Don't turn off the printer or interrupt charging while the ⏻ power light is flashing or you'll use up more ink than necessary when you turn it back on.

6. Wait until ink charging is finished (the ⏻ power light stops flashing).

Testing the Printer

You can run a printer check to determine whether a problem comes from the printer itself or some other source.

1. Make sure both the printer and computer are turned off. Then disconnect the USB cable from the printer.

2. Make sure letter-size or larger paper is loaded in the printer.

3. Hold down the ◌▫ maintenance button, then press and release the ⏻ power button. Continue holding down the ◌▫ maintenance button until the ⏻ power light starts to flash, then release it.

   The printer prints one page showing its ROM version number and a nozzle check pattern. (If the pattern has gaps in its dots, you need to clean the print head; see page 6.)

4. Turn off the printer after it prints the check page. Then reconnect the cable and turn on your printer and computer.

   ❏ If the check page prints, the problem probably lies in your software settings, interface cable, or computer. Your software may not be installed correctly.

   ❏ If the check page doesn't print, you may have a problem with your printer. Try the suggestions in the electronic *Reference Guide* on the printer software CD-ROM. If nothing works, contact your dealer or EPSON.

Printing on Special Media

Select the Media Type setting according to the guidelines in the table below.

For this paper name...	Select this Media Type setting
Plain paper and envelopes	Plain paper
EPSON 360 dpi Ink Jet Paper EPSON Iron-On Cool Peel Transfer Paper	360 dpi Ink Jet Paper
EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Photo Quality Self Adhesive Sheets	Photo Quality Ink Jet Paper
EPSON Photo Paper EPSON Glossy Photo Greeting Cards	Photo Paper
EPSON Photo Quality Glossy Film EPSON Photo Stickers	Photo Quality Glossy Film
EPSON Ink Jet Transparencies	Ink Jet Transparencies
EPSON Matte Paper - Heavyweight	Matte Paper - Heavyweight

Additional Media Loading Guidelines

CAUTION Don't use the cleaning sheets that may be included with your special media; they may damage the printer.

❏ Always load paper short edge first, even when printing landscape-oriented pictures.

❏ Always handle sheets by the edges, and don't touch the printable surface.

❏ Be sure to load the printable (whiter) side of the media face up in the sheet feeder.

❏ You can load paper up to the tab on the right edge guide.

❏ In addition to the Media Type setting, remember to select the correct Paper Size for your media in the printer software.

❏ If the special media has protective sheets between each sheet of media, be sure to remove the protective sheets before printing.

❏ Some special media have a cut corner that you need to position in the upper right corner when you load it.

❏ You can load the following number of sheets of EPSON special media:

For this paper name...	Load this number of sheets
EPSON 360 dpi Ink Jet Paper	Up to 30 sheets
EPSON Photo Quality Ink Jet Paper	Up to 30 sheets; 10 sheets for legal-size
EPSON Photo Quality Ink Jet Cards EPSON Glossy Photo Greeting Cards	Up to 30 cards with the included support sheet beneath the stack
EPSON Photo Quality Glossy Film	Up to 20 sheets (one sheet at a time for A6-size) with the included support sheet or a sheet of plain paper beneath the stack
EPSON Photo Quality Self Adhesive Sheets EPSON Iron-On Cool Peel Transfer Paper EPSON Photo Stickers EPSON Photo Paper (Panoramic size)	One sheet at a time
EPSON Ink Jet Transparencies	Up to 10 sheets
EPSON Photo Paper (4 × 6-inch size)	Up to 20 sheets with the included support sheet beneath the stack
EPSON Photo Paper (A4- and letter-size)	One sheet at a time with the included support sheet beneath the sheet
Matte Paper - Heavyweight	Up to 20 sheets with the included support sheet beneath the stack

Replacing an Ink Cartridge

CAUTION To ensure good results, use genuine EPSON ink cartridges and don't refill them. Other products may cause damage to your printer not covered by EPSON's warranty.

Use these ink cartridges before the expiration date on the package:

❏ Black: T013201 (U.S.) or T013311 (Canada)

❏ Color: T014201 (U.S.) or T014311 (Canada)

**Low ink**: ⬦🗐 error light flashes and a status screen appears telling you which cartridge is low.

Empty cartridge: ⬦🗐 error light stays lit and the empty cartridge is indicated on the screen; you must replace it to continue printing.

1. Open the printer cover and press the ⬦🗐 maintenance button for 6 seconds. The print head moves to the cartridge's replacement position. (If both ink cartridges need replacement, it moves to the black cartridge position first.)

2. Lift the ink cartridge clamp and remove the cartridge.

3. Unpack the new ink cartridge and remove the yellow tab.
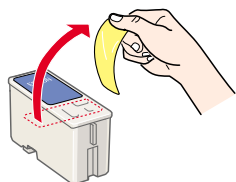
WARNING If ink gets on your hands, wash them with soap and water. If it gets in your eyes, flush them immediately with water.

4. Insert the new cartridge and close the clamp.
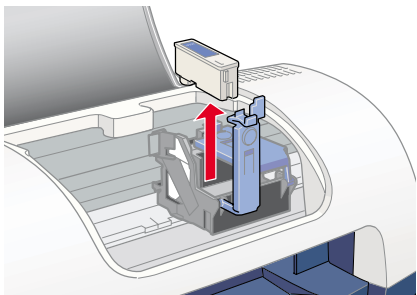
5. Press the ⬦🗐 maintenance button and close the printer cover. (If the other cartridge needs replacement, the print head moves into loading position. Repeat steps 2 through 5.)

6. Wait until ink charging is finished (the ⏻ power light stops flashing and the ⬦🗐 error light goes out).

Cleaning the Print Head

If your printouts are unexpectedly light or faint, or dots or lines are missing from the image, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Print head cleaning uses ink, so clean it only if quality declines.

This section explains how to clean the print head using the Head Cleaning utility. This is the recommended method when the printer is connected directly to your computer (not over a network).

You can also clean the print head by holding down the ⬦🗐 maintenance button on the printer's control panel for three seconds when the ⬦🗐 error light is off. See the electronic *Reference Guide* on your printer software CD-ROM for detailed instructions.

CAUTION When you don't turn on your printer for a long time, the print quality can decline. It's a good idea to turn on your printer at least once a month to maintain good print quality.

Running the Head Cleaning Utility

Follow these steps to run the Head Cleaning utility:

1. Make sure the printer is turned on but not printing, and the ⬦🗐 error light is off. (If the ⬦🗐 error light is flashing or on, you may need to replace the ink cartridge; see the section to the left for details.)

2. Do one of the following:

   ❏ Windows: right-click the 🖼 Status Monitor 3 icon on the right side of the Windows taskbar. Then click Head Cleaning.

   ❏ Windows: click Start, point to Settings, then select Printers. Right-click the EPSON Stylus C40 printer icon and select Properties (Windows 98 or Me) or Printing Preferences (Windows 2000). Click the Utility tab, then click the 🔧 Head Cleaning button.

   ❏ Macintosh: Open the File menu and choose Page Setup or Print. Click the 🖼 Utility button, then click the 🔧 Head Cleaning button.

3. Follow the instructions on the screen to clean the print head. Cleaning takes about 30 seconds, during which the printer makes some noise and the ⏻ power light flashes.

CAUTION Never turn off the printer while the ⏻ power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

4. When the ⏻ power light stops flashing, run a nozzle check to confirm the print head nozzles are clean.

Make sure plain paper (**not** special ink jet paper) is loaded in the printer and click Print nozzle check pattern. Then click Print. The nozzle check pattern prints (see the next section for details).

5. If the nozzle check pattern has no gaps in its dots, click Finish.

If the pattern is missing dots, click Clean to clean the print head again.

If you don't see any improvement after cleaning three or four times, check the solutions in the electronic *Reference Guide* on your printer software CD-ROM. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

Examining the Nozzle Check Pattern

Examine the nozzle check pattern you print. Each black and colored area should be complete, with no gaps in the dot pattern, as shown below:

❏ If your printout looks okay, you're done.

❏ If any dots or lines are missing (as shown below), clean the print head again; see the previous section for instructions.

Aligning the Print Head

If your printouts contain misaligned vertical lines, you may need to align the print head. Your printer must be connected to a local port, not on a network, to use the Print Head Alignment utility.

1. Make sure the printer is turned on, but not printing, and letter-size plain paper (**not** special ink jet paper) is loaded.

CAUTION
Load paper that's at least 8.27 inches (210 mm) wide to prevent ink from spraying inside the printer and smudging your printouts.

2. Do one of the following:

❏ Windows: right-click the Status Monitor 3 icon on the right side of the Windows taskbar. Then click Print Head Alignment.

❏ Windows: click Start, point to Settings, then select Printers. Right-click the EPSON Stylus C40UX printer icon and select Properties (Windows 98 or Me) or Printing Preferences (Windows 2000). Click the Utility tab, then click the Print Head Alignment button.

❏ Macintosh: Open the File menu and choose Page Setup or Print. Click the Utility button, then click the Print Head Alignment button.

3. Follow the instructions on the screen to print a test page. You see the alignment window.

4. On the printed page, select the pattern that shows the two vertical lines most precisely printed on top of each other. You may need to use a magnifying glass.

Select one pattern each for rows 1, 2, and 3. Then enter the number of the best pattern for each row in the corresponding boxes on the screen.

5. Click Realignment to print another test page. Make sure the pattern numbered 8 in each row is the best aligned. If not, repeat steps 3 and 4.

6. When you're finished, click Finish.

Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year. Follow these steps:

1. Turn off the printer, unplug the power cord, and disconnect the printer cable.

2. Remove all paper, then use a soft brush to clean any dust or dirt from the sheet feeder.

3. Clean the exterior of the printer with a soft, damp cloth.

4. Clean ink out of the printer's interior with a soft, damp cloth.

   CAUTION Don't clean the print head guide rail.
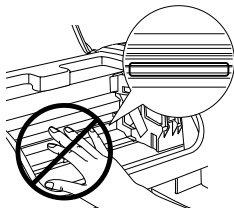
   CAUTION Don't touch the gears inside the printer.

   Never use a hard or abrasive brush, or alcohol or thinner for cleaning; they can damage the printer components and case.

   Don't get water on the printer components and don't spray lubricants or oils inside the printer.

   Don't use any cleaning sheets included with special paper; they may jam inside the printer.

Transporting the Printer

If you move your printer some distance, you need to prepare it for transportation in its original box or one of a similar size.

CAUTION To avoid damage, always leave the ink cartridges installed when transporting the printer.

Be sure to remove the tape used in step 4 after installing the printer in its new location.

Follow these steps:

1. Turn on the printer, wait until the print head locks in the far right position, then turn off the printer.

2. Unplug the power cord from the electrical outlet. Then disconnect the printer cable from the printer.

3. Remove any paper from the printer and remove the paper support.

4. Open the printer cover. Secure the ink cartridge holder to the printer with tape as shown, then close the printer cover.
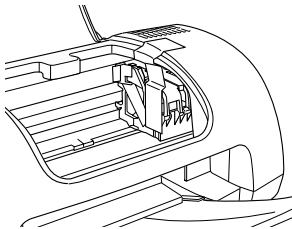
Tape the ink cartridge holder to the printer case

5. Push in the output tray.

6. Repack the printer and its attachments in the original box using the protective materials that came with them. See your *Start Here* sheet.

Keep the printer level as you transport it.

After transporting the printer, remove the tape securing the print head and test your printer. If you notice a decline in print quality, clean the print head (see page 6); if output is misaligned, align the print head (see page 7).

Related Documentation

TM-SC40UX	EPSON Stylus C40UX Service Manual
PL-SC40UX	EPSON Stylus C40UX Parts Price List
CPD-12408	EPSON Stylus C40UX *Start Here*
CPD-12420	EPSON Stylus C40UX *Notices* booklet
CPD-12409	EPSON Stylus C40UX CD-ROM with *Reference Guide*
CPD-12433	EPSON Stylus C40UX slipsheet